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# Heliophysics Explorers Program Phase A Concept Study Kickoff Meeting

**Welcome and Congratulations!**

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Heliophysics Explorers Program Concept Study Kickoff Meeting



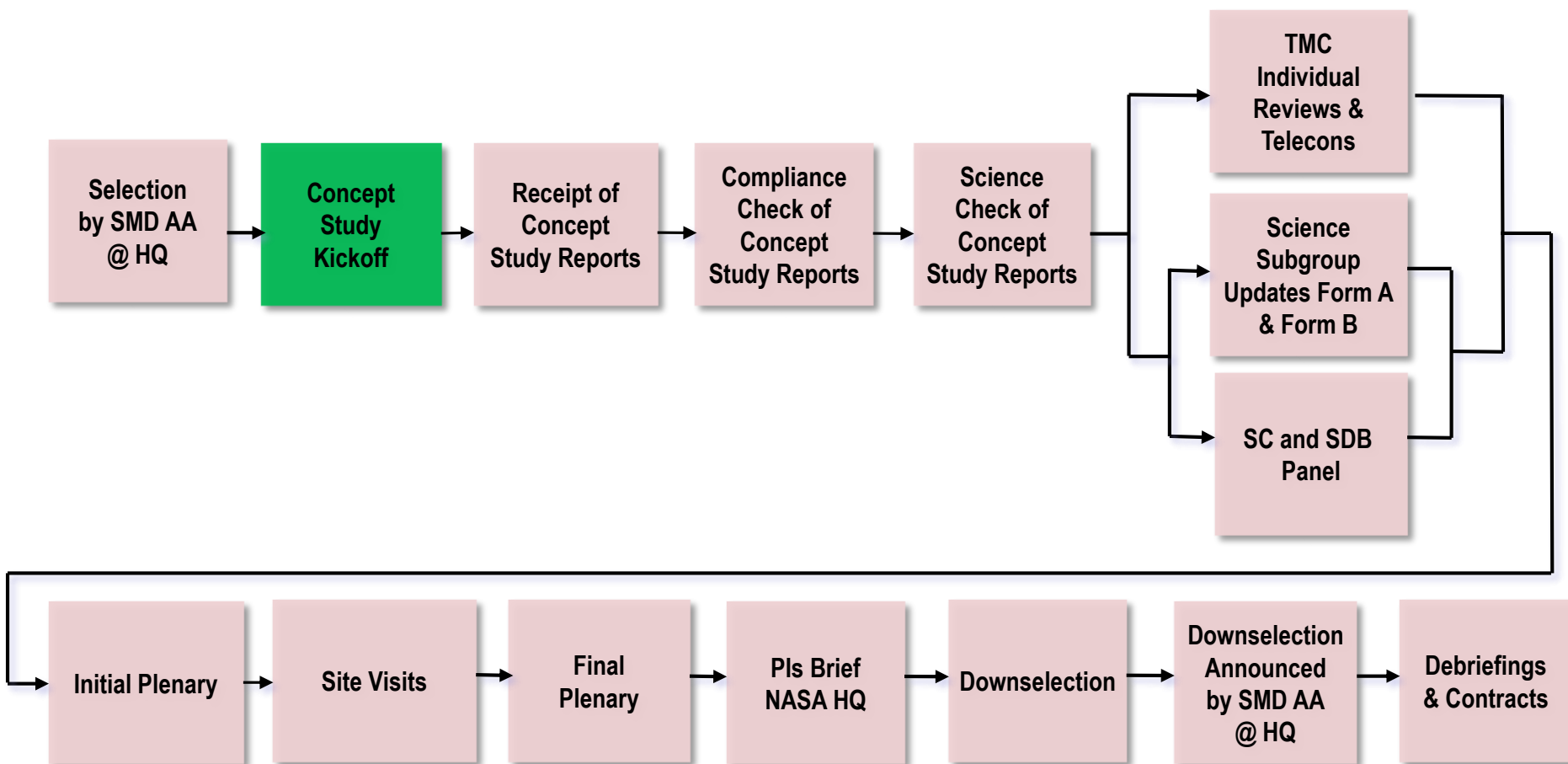
# Concept Study Guidelines

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- Heliophysics Explorer 2016 Draft Guidelines And Criteria For The Phase A Concept Study may be found at the Explorer Program Acquisition Website
  - [https://explorers.larc.nasa.gov/HPSMEX/SMEX/pdf\\_files/Helio-Guidelines-and-Criteria-for-the-PhaseA-Concept-Study.pdf](https://explorers.larc.nasa.gov/HPSMEX/SMEX/pdf_files/Helio-Guidelines-and-Criteria-for-the-PhaseA-Concept-Study.pdf)
  - These Draft Guidelines are based on the “Standard CSR Guidelines,” so changes for the final version are expected to be minimal



# What Follows Selection?





# Major Evaluation Criteria

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- All three criteria from the AO or PEA will be used:
  - Scientific Merit
  - Science Implementation Merit
  - Feasibility including Cost Risk
- Weighting between criteria will be different as will individual factors.



## Scientific Merit Evaluation Criterion

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- Step 1 selections were primarily based on *science balanced by feasibility*. Unless the science has changed, the Phase A evaluation *will emphasize implementation*.
    - Unless directed or CSR results demand it, objectives of Baseline Science or Threshold Science Missions should not change.
    - Science section from Step 1 proposal **must** be repeated in the CSR.
    - Any and all changes must be highlighted (change bars)
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# Science Implementation Evaluation Criterion

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- All of the factors defined in Section 7.2.3 of the SMEX AO or the SALMON-2 AO apply to the Concept Study and will be re-evaluated from the data supplied in the CSR and at the site visit.
  - Site visit is viewed as an update to the CSR
  - Factor Emphasis
    - Well identified science team responsibilities
  - Factor additions:
    - Alternative launch service details



# Feasibility Evaluation Criterion

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- See next TMC presentation...



## Additional Criteria

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- Overall Merit of Student Collaboration (SC), if proposed
- Small Business Subcontracting Plans





# Criteria Weighting

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- Scientific merit of the investigation: approximately 25%
- Scientific implementation merit and feasibility of the investigation: approximately 20%
- Feasibility of mission implementation, including cost risk: approximately 50%
- Quality of plans for a Small Disadvantaged Business sub-contracting, and for an optional Student Collaboration, if proposed: approximately 5%



# Competition Conditions

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- **“Blackout”** after the Kickoff Meeting. Communications between Study Teams and the various NASA program offices will be focused to ensure fairness
  - Communications after this meeting will be controlled.
  - Technical and expert advice should be obtained directly from identified Points of Contact (POCs).
  - All programmatic questions, including questions of policy, questions of interpretation, and questions of clarification, should come to HQ/Dan Moses
  - But, NASA does not want to restrict these communications
- Generic versions of questions and answers will be posted as “Questions and Answers” available from the Explorer Program Acquisition website.



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# QUESTIONS?